ABSTRACT OF THE DISCLOSURE

The object of the present invention is to provide a control valve for a variable displacement compressor, which is capable of controlling the variable displacement compressor to the minimum capacity without using an electromagnetic clutch, and can be constructed without accommodating a solenoid in a pressure chamber. A plunger of a solenoid is formed by a first plunger and a second plunger, and a diaphragm is disposed between them, for sensing suction pressure Ps, such that the first plunger controls a valve element via a shaft, with component elements of the solenoid except for the first plunger being disposed on a side of the diaphragm where the atmospheric pressure is received. Further, when the solenoid is not energized, the high suction pressure Ps urges the second plunger toward the core via the diaphragm, and a spring causes the first plunger to urge the valve element to the fully open position, which enables the variable displacement compressor to be controlled to the minimum capacity.